

CIRCULATE TO:
DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO Juan
FOR FILING

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November 11, 1976

Mr. Brad Clark
Atlas Minerals
Big Indian Mines
Moab, Utah 84532

Re: Rim-Columbus Mine
Secs. 19, 20, 29, & 30,
T. 31 S., R. 25 E.
San Juan County, Utah

ACT-037-006

Dear Brad:

This is in regard to the additional items we would like to have in the reclamation plan for the Rim-Columbus Mine. It was my feeling that you concurred with these suggestions when I visited the site and we will consider these suggestions as part of the reclamation plan if you submit written concurrence. Suggestions are as follows:

1. Hardpacked surfaces of disturbed materials will be scarified before seeding.
2. The tops of outside faces of waste dumps will be rounded off.
3. The faces of waste dumps exposed to occasional erosion in ephemeral stream channels will not be rounded but will be protected with large pieces of waste rock to act as rip-rap.
4. Depending upon experience gained from test plots, fertilization and occasional irrigation might be used to aid revegetation.

If you concur with the above, send me a letter stating so and we will issue the tentative approval to continue operations. At that time we will also publish an abbreviated account of your reclamation plan. The surety will be calculated and sent for your approval during the required thirty (30) day waiting period after publication.

I am sending you a list of plant seed distributors that may be of some help in your work for Atlas. I would appreciate your letting us

know about any findings from your revegetation research in your area as we are always eager to learn from industry about reclamation procedures. If we can be of any assistance in your work, please let us know.

Sincerely yours,

DIVISION OF OIL, GAS, AND MINING

BRIAN W. BUCK
ENGINEERING GEOLOGIST

BWB/lm

Enclosure

Boad Clark

Jim Columbus Mine - Questairine

- 1 Shaft ~~ts~~ what dimensions?
- 2 Vent holes "
- 2 Portals "

What about subsurface plugs - are they needed
check. It seems likely not.

Perhaps fertilization may be needed to get
some plants started. No soil treatment is
planned in the MR2. This possibility should
be mentioned - based on nutrient analysis
Plan no protection of vegetation - Could or
could not be a problem, depending on grazing
and wildlife use presently

- ① Max dump \$?
- ② Their estimate of cost of sealing
portals & vent shafts?